

REMARKS

Reconsideration of the present application is respectfully requested. Claims 1-2, 4-9, 11, 16-18, 26-27, 29, and 32 have been amended. Claims 3, 10, 24-25, and 28 have been canceled. New claims 34-38 have been added.

Claims 1-2, 26-27, and 32-33 stand rejected under 35 U.S.C. 103(a) as being unpatentable over PCT 99/36795 to Krasner ("Krasner") in view of U.S. Patent No. 6,311,048 to Loke ("Loke"). Independent claim 1 has been amended to include the features of "a first subunit at least adapted to receive input signals at a predetermined input level in a first receiving mode dedicated to optimum noise performance" and "an operation mode modification unit adapted to modify the operation mode of the first subunit from the first receiving mode to a second receiving mode when the second subunit is transmitting output signals, the second receiving mode being dedicated to optimum blocking performance." Support for the amendments to independent claim 1 can be found at at least page 10, lines 4-20 of the application as originally filed. Applicant respectfully submits that Krasner in view of Loke fails to teach or suggest at least these features of independent claim 1 as amended.

Krasner describes a method and apparatus for reducing cross-interference in a combined satellite positioning system receiver and communication transceiver device. Krasner further describes transmitting a control signal from a communication transceiver to a satellite positioning system receiver when the communication transceiver transmits data at a high power level over a communication link. Krasner still further describes that the control signal causes satellite positioning system signals from satellites to be blocked from the receiving circuits of the satellite positioning system receiver, or to be disregarded by processing circuits of the satellite positioning system receiver. Krasner describes the operation of a cellular telephone and GPS receiver that operates such that either the cellular telephone is operative or the GPS receiver is operative, with neither being operative at the same time as the other. Applicant respectfully submits that Krasner contains no teaching or suggestion of a first subunit adapted to receive input signals in a first receiving mode dedicated to optimum noise performance, and an operation mode modification unit adapted to modify the operation mode of the first subunit from the first receiving mode to a second receiving mode being dedicated to optimum blocking

performance when a second subunit is transmitting output signals as found in independent claim 1 as amended.

Loke describes a method and system for intelligently controlling the linearity of an RF receiver by selectively increasing the effective third-order intercept point (IP3) value of a low noise amplifier (LNA)/mixer channel. Loke further describes generation of a control signal for an RF receiver based on a mode of operation, received signal strength information, transmit channel output power, and the true received signal strength. Loke further describes that the control signal is used to selectively increase the bias current of the LNA/mixer channel, or to select one of several LNAs having different IP3 values to effectively increase the linearity of the LNA/mixer channel. Loke describes the operation of a single receiver dedicated to a single communication standard. Applicant respectfully submits that Loke also fails to teach or suggest the aforementioned distinguishing features of independent claim 1 of a first subunit adapted to receive input signals in a first receiving mode dedicated to optimum noise performance, and an operation mode modification unit adapted to modify the operation mode of the first subunit from the first receiving mode to a second receiving mode being dedicated to optimum blocking performance when a second subunit is transmitting output signals. Applicant respectfully submits that independent claim 1 as amended distinguishes over Krasner in view of Loke and requests that the 35 U.S.C. 103(a) rejection of independent claim 1 be withdrawn.

Independent claim 26 has been amended to include "a method of operating a multiple standard communication device of the type with parallel operation, comprising a first subunit at least receiving input signals at a predetermined input level in a first receiving mode dedicated to optimum noise performance and a second subunit at least transmitting output signals at a specific time, frequency and output level such that the output level of the second subunit is very large compared to the input level of the first subunit, comprising the step of: modifying an operation mode of the first subunit from the first receiving mode to a second receiving mode when the second subunit is transmitting output signals, the second receiving mode being dedicated to optimum blocking performance." Support for the amendments to independent claim 26 can be found at at least page 10, lines 4-20 of the application as originally filed. For similar reasons as those discussed with respect to independent claim 1, Applicant respectfully

submits that independent claim 26 as amended distinguishes over Krasner in view of Loke and requests that the 35 U.S.C. 103(a) rejection of independent claim 26 be withdrawn.

Independent claim 32 has been amended to include the features of "a computer program product directly loadable into an internal memory of a digital computer, comprising software code portions for performing a method of operating a multiple standard communication device of the type with parallel operation, comprising a first subunit at least receiving input signals at a predetermined input level in a first receiving mode dedicated to optimum noise performance and a second subunit at least transmitting output signals at a specific time, frequency and output level such that the output level of the second subunit is very large compared to the input level of the first subunit, with a step of: modifying an the operation mode of said the first subunit from the first receiving mode to a second receiving mode when said the second subunit is transmitting output signals when the computer program product is run on a computer, the second receiving mode being dedicated to optimum blocking performance."

Support for the amendments to independent claim 26 can be found at at least page 10, lines 4-20 of the application as originally filed. For similar reasons as those discussed with respect to independent claims 1 and 26, Applicant respectfully submits that independent claim 32 as amended distinguishes over Krasner in view of Loke and requests that the 35 U.S.C. 103(a) rejection of independent claim 32 be withdrawn.

Claims 2, 27, and 33 are dependent upon and include the features of independent claims 1, 26, and 32, respectively. For at least the reasons as those discussed with respect to independent claims 1, 26, and 32, Applicant respectfully submits that claims 2, 27, and 33 also distinguish over Krasner in view of Loke and requests that the 35 U.S.C. 103(a) rejections of claims 2, 27, and 33 be withdrawn.

Claims 4 and 29-31 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Krasner in view of Loke and further in view of U.S. Patent No. 6,134,427 to Hughes ("Hughes"). Claims 4 and 29-31 are dependent upon and include the features of independent claims 1 and 26, respectively. As discussed with respect to independent claims 1 and 26, Krasner in view of Loke fails to teach or suggest the aforementioned distinguishing features of independent claims 1 and 26. Hughes describes a wireless communication device, such as a dual-mode cellular phone, that receives radio frequency signals in either of two communication bands. Hughes further

describes that each received RF signal is passed to a two bandpass filters, one for each communication band, the outputs of which are connected to a single amplifier which amplifies the signal regardless of the communication band in which the signal was received. Applicant respectfully submits that Hughes also fails to teach or suggest the aforementioned distinguishing features of independent claims 1 and 26. Applicant respectfully submits that claims 4 and 29-31 distinguish over Krasner in view of Loke and in further view of Hughes and requests that the 35 U.S.C. 103(a) rejections of claims 4 and 29-31 be withdrawn.

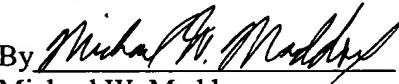
Claims 11-23 have been indicated as allowable. Claims 5-10 have been objected to as being dependent upon a rejected base claim, but have been indicated as allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicant wishes to thank the Examiner for the indication of allowable subject matter.

New claims 34-38 are dependent upon and include the features of independent claim 1. Support for new claims 34-38 can be found at at least page 10, lines 4-20; page 11, lines 22-32; page 26, lines 16-24; and page 2, lines 22-29 and the claims of the application as originally filed. For at least the reasons as discussed with respect to independent claim 1, Applicant respectfully submits that new claims 34-38 are allowable over the art of record.

In view of the above amendment, Applicant believes the pending application is in condition for allowance.

Dated: May 26, 2005

Respectfully submitted,

By 
Michael W. Maddox
Registration No.: 47,764
JENKENS & GILCHRIST, A PROFESSIONAL
CORPORATION
1445 Ross Avenue, Suite 3200
Dallas, Texas 75202
(214) 855-4500
Attorneys For Applicant